

AS

Notice of Allowability	Application No.	Applicant(s)	
	10/032,215	ELSEGOOD, STEWARD D.	
	Examiner	Art Unit	
	Matthew O Savage	1723	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed on 3-22-04.
2. ☒ The allowed claim(s) is/are 1-3, 30, 4-10, 12-16, 18-20, and 31-37 renumbered 1-26, respectively.
3. ☒ The drawings filed on 21 December 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

Matthew O Savage
Primary Examiner
Art Unit 1723

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An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Michael L. Fuller on 6-10-04.

1. (currently amended) A magnetic filter adapter for removing magnetically attractable particles from a fluid, comprising:

an adapter body comprising a perforated upper portion and a perforated lower portion, wherein said perforated upper portion and perforated lower portion form a chamber;

a centrally located opening passing through said perforated upper portion, said perforated lower portion, and said chamber;

a removable hollow insert mounted inside said opening, extending through said perforated upper portion, said chamber, and said perforated lower portion, and providing a first threaded portion adapted to engage a threaded stud and a second threaded portion adapted to mount to a filter; and

a magnet disposed within said chamber for removing metallic particles from said fluid; and

a magnet support for mounting said magnet in said chamber such that gaps for fluid flow exist adjacently between said magnet and said upper perforated portion and

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adjacently between said magnet and said lower perforated portion and adjacently between said magnet and said removable hollow insert.

Claim 3 has been canceled.

10. (currently amended) An adapter for removing metallic particles from a fluid, comprising:

a cylindrical adapter body comprising a perforated upper portion and a perforated lower portion forming a chamber;

a centrally located opening passing through said perforated upper portion, said perforated lower portion, and said chamber;

a removable hollow insert mounted inside said opening, extending through said perforated upper portion, said chamber, and said perforated lower portion, and providing a first connection means adapted to engage a connection means on a fluid source and a second connection means adapted to mount to a filter; and

a magnet disposed within said chamber for removing metallic particles from said fluid; and

a magnet support for mounting said magnet in said chamber such that gaps for fluid flow exist adjacently between said magnet and said upper perforated portion and adjacently between said magnet and said lower perforated portion and adjacently between said magnet and said removable hollow insert, and such that no portion of said magnet contacts said removable hollow insert.

Claims 11 and 17 have been canceled.

18. (currently amended) The adapter of claim ~~47~~ 10, wherein said ~~ring~~ magnet support is comprised of three pieces having notches corresponding to the thickness of said magnet.

19. (currently amended) A method of assembly of an adapter for removing metallic particles from a fluid, comprising:

installing a magnet holder on a magnet;

inserting a said magnet holder and said magnet in a perforated lower portion of a housing of said adapter;

enclosing said magnet in said adapter by attaching a perforated upper portion of a housing of said adapter to said perforated lower portion, wherein said magnet adapter and magnet are is located in a chamber formed by said perforated upper portion and said perforated lower portion such that a gap for fluid flow exists adjacently between said magnet and said upper perforated support and adjacently between said magnet and said lower perforated support; and

inserting a hollow insert in a centrally located opening passing through said perforated upper portion said perforated lower portion, and said chamber, and such that a gap for fluid flow exists adjacently between said magnet and said hollow insert and such that no portion of said magnet contacts said hollow insert.

Claim 21 has been canceled.

30. (currently amended) The adapter of claim 3 1, wherein said ~~ring support~~ magnet support comprises a plurality of magnet holders positioned along an inner periphery of said perforated lower portion.

The following is an examiner's statement of reasons for allowance: Hueber et al taken combination with Reinoso is considered the closest prior art, however, the references fail to teach or suggest:

The limitations of a magnet holder for mounting the magnet in the chamber such that a gap for fluid flow exists adjacently between the magnet and the perforated upper portion and adjacently between the magnet and the perforated lower portion and adjacently between the magnet and the removable hollow insert as recited in instant claims 1 10, and 19; and

The limitation of the second threaded portion being received with the central opening of the lower perforated portion as recited in instant claim 31.


Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Matthew O Savage whose telephone number is (571) 272-1146. The examiner can normally be reached on Monday-Friday, 6:00am-2:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wanda W. Walker can be reached on (571) 272-1151. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Matthew O Savage
Primary Examiner
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June 11, 2004